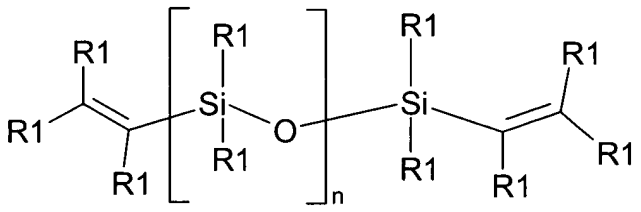
1. (Currently amended) A cross-linked silicone gel substantially free of SiO_2 groups, substantially free of $SiO_{1.5}$ groups, and substantially free of polyalkyleneoxide groups, comprising a cross-linked polymerization product of

(A) (i) an α,ω-di lower alkenyl terminated polyorganosiloxane of formula I

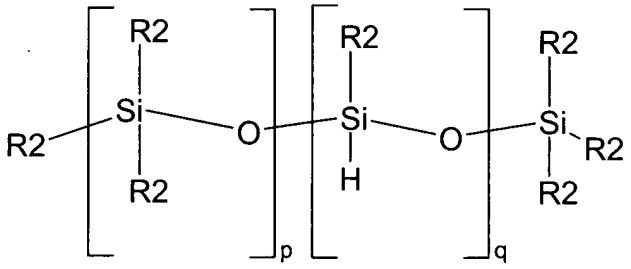


(I)

having a molecular weight of about 20,000 to about 25,000 with n being about 265 to about 340 and each R1 being independently H, or an alkyl group of 1 or 3 carbons and

(ii) optionally an α,ω-di ethylene terminated polydiphenyldimethylorganosiloxane; and

(B) a polyorganohydrosiloxane of formula II



(II)

where the molecular weight of reactant II is about 3500 to 4000; q is about 5 to about 9; p is about 40 to about 50, and each R2 is independently an alkyl of 1-3 carbon atoms;

said polymerization product being polymerized in the presence of a medium selected from the group consisting of ~~low viscosity silicone oils,~~ hydrocarbon oils, and mixtures thereof; and

(C) said medium

wherein said polymerization takes place initially with mixing and said mixing is halted when gelling is visibly seen.

2. (Previously presented) The silicone gel of claim 1 wherein after said polymerization, said gel is subjected to milling, said milling being conducted while said gel is in the swollen state.

3. (Previously presented) The silicone gel of claim 2 wherein said milling is conducted in a colloid mill.

4. (Previously presented) The silicone gel of claim 1 comprising about 3% to about 15% of said polymer and about 97% to about 85% of said medium.

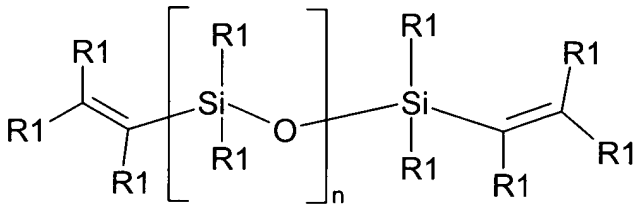
5. (Original) The silicone gel of claim 1 which is further diluted with a diluent selected from the group consisting of low viscosity silicone oils, hydrocarbon oils, lower alkanols, and mixtures thereof.

6. (Previously presented) A cosmetic formulation comprising about 65% to about 99.9% of the silicone gel of claim 1, about 0.1% to about 30% of at least one cosmetically acceptable ingredient which cosmetic ingredient is not a low viscosity silicone oil, a hydrocarbon oil, or a lower alkanol, or mixtures thereof; and up to about 10% of a diluent selected from the group consisting of low viscosity silicone oils, hydrocarbon oils, and lower alkanols.

7. (Currently Amended) A method of making a clear silicone gel comprising

(A) (i) polymerizing in the presence of a hydrosilylation polymerization catalyst and a medium selected from the group consisting of ~~low viscosity silicone oil~~, hydrocarbon ~~oil,~~oils, and ~~a mixture~~ mixtures thereof

(1) an α,ω-di lower alkenyl terminated polyorganosiloxane of formula I

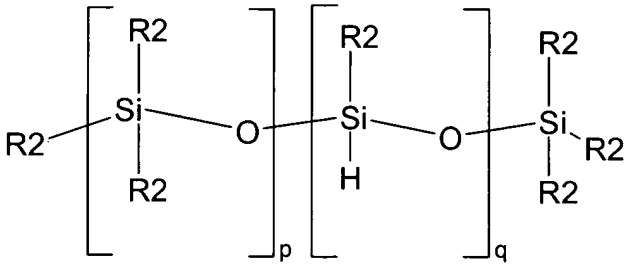


(I)

having a molecular weight of about 20,000 to about 25,000 with n being about 265 to about 340 and each R1 being independently H, or an alkyl group of 1 or 3 carbons and

(ii) optionally an α,ω-di ethylene terminated polydiphenyldimethylorganosiloxane; and

(2) a polyorganohydrosiloxane of formula II



(II)

where the molecular weight of reactant II is about 3500 to 4000; q is about 5 to about 9; p is about 40 to about 50; and each R2 is independently an alkyl having 1-3 carbon atoms resulting in a swollen gel;

(B) milling said swollen gel; and

(C) optionally diluting the result of step (B) with a diluent selected from the group consisting of low viscosity silicone oils, hydrocarbon oils, and lower alkanols;

wherein said polymerization takes place initially with mixing and said mixing is halted when gelling is visibly seen.

8. Canceled

9. (Previously presented) The process of claim 7 wherein said milling said swollen gel step takes place in a colloid mill.

10. (Cancel)

11. (Currently amended) The process of claim ~~10~~ 7 wherein said hydrosilylation catalyst is zero valent platinum divinyl complex.

12. (Currently amended) The process of claim ~~10~~ 7 wherein said polymerization reaction takes place at about 20°C. to about 50°C.

13. (Original) The process of claim 7 wherein said reaction is permitted to proceed for at least 2 hours.

14. (Original) The process of claim 7 wherein said reaction is permitted to proceed for at least 3 hours.

15. (Original) The process of claim 7 wherein said reaction is permitted to proceed for at least 4 hours.

16. (Original) The process of claim 7 wherein said polymerization reaction is permitted to take place in the substantial absence of shearing forces.

17. (Original) The process of claim 7 further comprising adjusting the viscosity of gel by diluting said gel with a diluent selected from the group consisting of low viscosity silicone oils, hydrocarbon oils, and lower alkanols to result in a diluted gel.

18. (Original) The process of claim 17 further comprising passing said diluted gel through a colloid mill.

19. (Previously presented) The silicone gel resulting from the process of claim 7.

20. (Previously presented) The silicone gel resulting from the process of claim 9.

21. (Previously presented) The silicone gel resulting from the process of claim 17.

22. (Previously presented) The silicone gel resulting from the process of claim 18.

23. (Previously presented) A cosmetic composition incorporating said silicone gel of claim 1.

24. (Previously presented) A cosmetic composition incorporating the silicone gel resulting from the process of claim 7.

25. (Previously presented) A cosmetic composition incorporating the silicone gel resulting from the process of claim 9.

26. (Previously presented) A cosmetic composition incorporating the silicone gel resulting from the process of claim 17.

27. (Previously presented) A cosmetic composition incorporating the silicone gel resulting from the process of claim 18.

28. (Previously presented) The silicone gel of claim 1 which is substantially clear.

29. (Previously presented) The silicone gel of claim 22 which is substantially clear.

30. (Previously presented) A method of use of the silicone gel of claim 1 comprising applying said gel to a rubber or rubber-like surface.

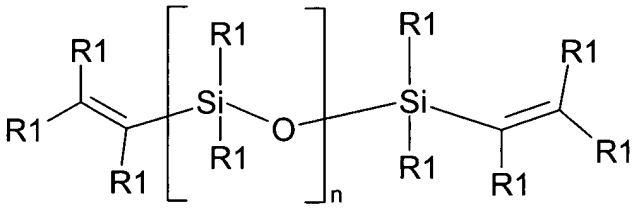
31. (Original) The method of claim 30 wherein said rubber or rubber-like surface is a member selected from the group consisting of tires, sealing rings, gaskets, weatherstripping, and caulking.

32. (Original) The method of claim 31 wherein said rubber or rubber-like surface is an automotive tire.

33. (Previously presented) A composition comprising the silicone gel of claim 1 along with components suitable for application to rubber or rubber-like surfaces.

34. (Currently amended) A cross-linked silicone gel substantially free of SiO_2 groups, substantially free of $SiO_{1.5}$ groups, and substantially free of polyalkyleneoxide groups, comprising a cross-linked polymerization product of

(A) (i) an α,ω-di lower alkenyl terminated polyorganosiloxane of formula I

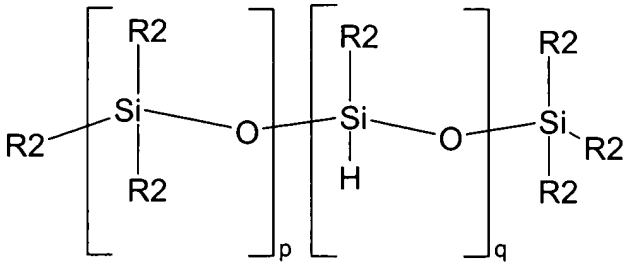


(I)

having a molecular weight of about 20,000 to about 25,000 with n being about 265 to about 340 and each R1 being independently H, or an alkyl group of 1 or 3 carbons and

(ii) optionally an α,ω-di ethylene terminated polydiphenyldimethylorganosiloxane; and

(B) a polyorganohydrosiloxane of formula II



(II)

where the molecular weight of reactant II is about 3500 to 4000; q is about 5 to about 9; p is about 40 to about 50, and each R2 is independently an alkyl of 1-3 carbon atoms;

said polymerization product being polymerized in the presence of a medium selected from the group consisting of ~~low viscosity silicone oils,~~ hydrocarbon oils, and mixtures thereof; and

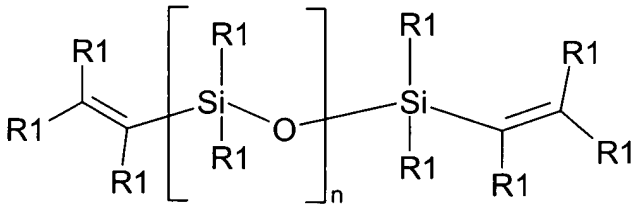
(C) said medium

wherein said polymerization reaction is permitted to take place in a manner in which a substantial portion of the reaction mass is not subject to substantial shearing forces.

35. (Currently amended) A method of making a clear silicone gel comprising

(A) polymerizing in the presence of a hydrosilylation polymerization catalyst and a medium selected from the group consisting of ~~low viscosity silicone oil,~~ hydrocarbon ~~oil~~ oils, and ~~a mixture~~ mixtures thereof

(1) (a) an α,ω-di lower alkenyl terminated polyorganosiloxane of formula I

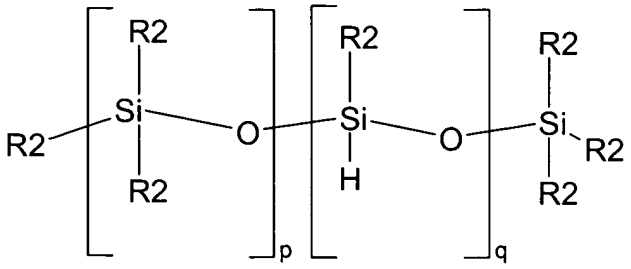


(I)

having a molecular weight of about 20,000 to about 25,000 with n being about 265 to about 340 and each R1 being independently H, or an alkyl group of 1 or 3 carbons and

(b) optionally an α,ω-di ethylene terminated polydiphenyldimethylorganosiloxane; and

(2) a polyorganohydrosiloxane of formula II



(II)

where the molecular weight of reactant II is about 3500 to 4000; q is about 5 to about 9; p is about 40 to about 50; and each R2 is independently an alkyl having 1-3 carbon atoms resulting in a swollen gel;

(B) milling said swollen gel; and

(C) optionally diluting the result of step (B) with a diluent selected from the group consisting of low viscosity silicone oils, hydrocarbon oils, and lower alkanols;

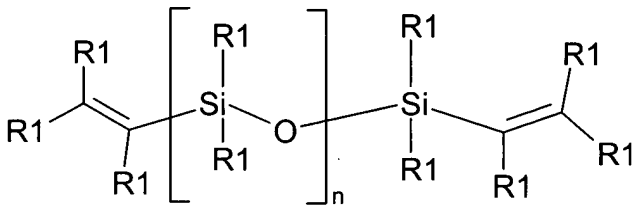
wherein said polymerization reaction is permitted to take place in a manner in which a substantial portion of the reaction mass is not subject to substantial shearing forces.

36. (Previously presented) The silicone gel of claim 34 wherein said polymerization reaction is permitted to take place in the substantial absence of shearing forces.

37. (Previously presented) The method of claim 35 wherein said polymerization reaction is permitted to take place in the substantial absence of shearing forces.

38. (New) A cross-linked silicone gel substantially free of SiO_2 groups, substantially free of $SiO_{1.5}$ groups, and substantially free of polyalkyleneoxide groups, comprising a cross-linked polymerization product of

(A) (1) an α,ω-di lower alkenyl terminated polyorganosiloxane of formula I



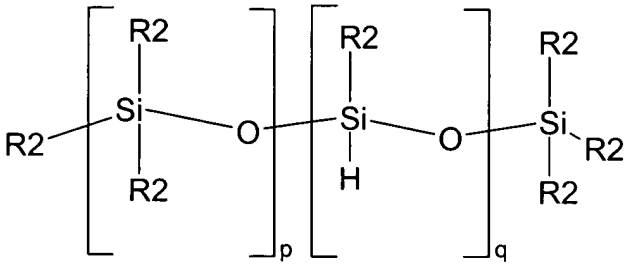
(I)

having a molecular weight of about 20,000 to about 25,000 with n being about 265 to about 340 and each R1 being independently H, or an alkyl group of 1 or 3 carbons;

(2) a member selected from the group consisting of mono-α-olefin, a polyalkoxylated mono-α-olefin, hydroxyl-terminated-α-olefin, and mixtures thereof; and

(3) optionally an α,ω-di ethylene terminated polydiphenyldimethylorganosiloxane; and

(B) a polyorganohydrosiloxane of formula II



(II)

where the molecular weight of reactant II is about 3500 to 4000; q is about 5 to about 9; p is about 40 to about 50, and each R2 is independently an alkyl of 1-3 carbon atoms;

said polymerization product being polymerized in the presence of a medium selected from the group consisting of low viscosity silicone oils, hydrocarbon oils, and mixtures thereof; and

(C) said medium

wherein (1) said polymerization takes place initially with mixing and said mixing is halted when gelling is visibly seen or (2) said polymerization reaction is permitted to take place in a manner in which a substantial portion of the reaction mass is not subject to substantial shearing forces.

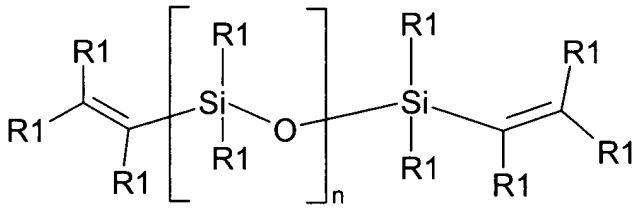
39. (New) The silicone gel of claim 38 which is further diluted with a diluent selected from the group consisting of low viscosity silicone oils, hydrocarbon oils, lower alkanols, and mixtures thereof.

40. (New) A cosmetic formulation comprising about 65% to about 99.9% of the silicone gel of claim 38, about 0.1% to about 30% of at least one cosmetically acceptable ingredient which cosmetic ingredient is not a low viscosity silicone oil, a hydrocarbon oil, or a lower alkanol, or mixtures thereof; and up to about 10% of a diluent selected from the group consisting of low viscosity silicone oils, hydrocarbon oils, and lower alkanols.

41. (Currently Amended) A method of making a clear silicone gel comprising

(A) polymerizing in the presence of a hydrosilylation polymerization catalyst and a medium selected from the group consisting of low viscosity silicone oil, hydrocarbon oil, and mixtures thereof

(1) (a) an α,ω-di lower alkenyl terminated polyorganosiloxane of formula I



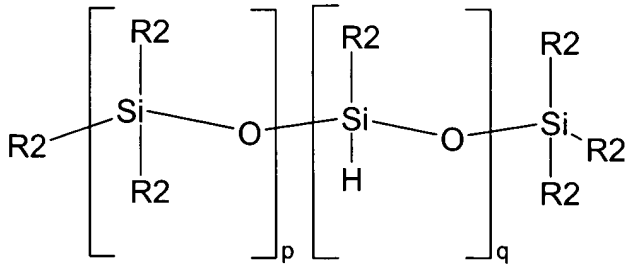
(I)

having a molecular weight of about 20,000 to about 25,000 with n being about 265 to about 340 and each R1 being independently H, or an alkyl group of 1 or 3 carbons;

(b) a member selected from the group consisting of mono-α-olefin, a polyalkoxylated mono-α-olefin, hydroxyl-terminated-α-olefin, and mixtures thereof; and

(c) optionally an α,ω-di ethylene terminated polydiphenyldimethylorganosiloxane; and

(2) a polyorganohydrosiloxane of formula II



(II)

where the molecular weight of reactant II is about 3500 to 4000; q is about 5 to about 9; p is about 40 to about 50; and each R2 is independently an alkyl having 1-3 carbon atoms resulting in the swollen gel of claim 38;

(B) milling said swollen gel; and

(C) optionally diluting the result of step (B) with a diluent selected from the group consisting of low viscosity silicone oils, hydrocarbon oils, and lower alkanols;

wherein (1) said polymerization takes place initially with mixing and said mixing is halted when gelling is visibly seen or (2) said polymerization reaction is permitted to take place in a manner in which a substantial portion of the reaction mass is not subject to substantial shearing forces.

42. (New) The process of claim 41 further comprising adjusting the viscosity of gel by diluting said gel with a diluent selected from the group consisting of low viscosity silicone oils, hydrocarbon oils, and lower alkanols to result in a diluted gel.

43. (New) The silicone gel resulting from the process of claim 41.

44. (New) The silicone gel resulting from the process of claim 42.

45. (New) A cosmetic composition incorporating said silicone gel of claim 38.

46. (New) A cosmetic composition incorporating the silicone gel resulting from the process of claim 41.

47. (New) A cosmetic composition incorporating the silicone gel resulting from the process of claim 42.

48. (New) The silicone gel of claim 38 which is substantially clear.

49. (New) A method of use of the silicone gel of claim 38 comprising applying said gel to a rubber or rubber-like surface.

50. (New) A composition comprising the silicone gel of claim 38 along with components suitable for application to rubber or rubber-like surfaces.